

File 344:Chinese Patents 1985-2003/Nov
 (c) 2003 European Patent Office
 File 347:JAPIO Oct 1976-2003/Sep(Updated 040105)
 (c) 2004 JPO & JAPIO
 File 350:Derwent WPIX 1963-2004/UD,UM &UP=200403
 (c) 2004 Thomson Derwent

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Set	Items	Description
S1	681	(IN(1W) (STORE? ? OR HOUSE) OR MERCHANT OR VENDOR? OR RETAILER? OR SELLER OR SELLERS) (5N) (INVENTORY OR INVENTORIES OR STOCK OR MERCHANDISE?)
S2	861550	(POINT(1W) (SALE OR SALES) OR CHECKOUT? OR CHECK?()OUT? OR - POS OR TERMINAL OR TERMINALS OR KIOSK OR KIOSKS)
S3	41012	(TRANSMIT? OR TRANSMISS? OR RECEIV? OR SEARCH? OR REQUEST? OR ACCESS?) (3N) (REALTIME OR REAL()TIME OR INTERACTIVE OR INTERACTIV? OR BACK()FORTH OR BACKWARD()FORWARD OR DYNAMIC? OR CURRENT OR TIME()FRAME?)
S4	39	AU=(PHAN C? OR PHAN C?)
S5	185	S1 AND S2
S6	1	S5 AND S3
S7	16	S5 AND (REALTIME OR REAL()TIME OR INTERACTIVE OR INTERACTIV? OR BACK()FORTH OR BACKWARD()FORWARD OR DYNAMIC? OR CURRENT OR TIME()FRAME?)
S8	15	S7 NOT S6
S9	0	S4 AND S1
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Best Available Copy

6/5/1 (Item 1 from file: 347)
DIALOG(R) File 347:JAPIO
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03808967 **Image available**
SPORTS GOODS ORDER RECEIVING AND ORDERING DATA EXCHANGE DEVICE

PUB. NO.: 04-174067 [JP 4174067 A]
PUBLISHED: June 22, 1992 (19920622)
INVENTOR(s): KOJIMA SHOICHI
APPLICANT(s): NIHON DENKI JIYOUHOU SAABISU KK [0000000] (A Japanese Company
or Corporation), JP (Japan)
APPL. NO.: 02-297505 [JP 90297505]
FILED: November 02, 1990 (19901102)
INTL CLASS: [5] G06F-015/24
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 1433, Vol. 16, No. 489, Pg. 3,
October 09, 1992 (19921009)

ABSTRACT

PURPOSE: To enable a **retailer** to grasp the latest **stock** information and delivery information of a sports maker by exchanging immediately ordering data from the sports retailer and answer data to it from a sports maker.

CONSTITUTION: A 1st transmitting means 5 sends the ordering data to a maker host computer 13-1 determined by a destination host distribution processing means 4. A 2nd receiving means 6 receives the answer data to the ordering data which is generated by the maker host computer 13-1 and an answer data inspection processing means 7 inspects the adequacy to the host maker code and retailer code that the received answer data contains. Further, a password is inspected so as to protect the secrecy. When all the inspection results are acceptable, a destination **terminal** distribution processing means 8 determines the retailer **terminal** at the transmission **terminal** of the retailer based upon the retailer **terminal** code in the answer data and a 2nd transmitting means 9 sends the answer data to the determined retailer **terminal** 10. Consequently, the **real - time** sports goods order **receiving** and ordering data exchange device is obtained between plural sports retailers and plural sports makers.

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'8/5/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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07391354 **Image available**
METHOD OF SETTling MERCHANDISE BILL BY USE OF CIRCULATION CARD

PUB. NO.: 2002-259855 [JP 2002259855 A]
PUBLISHED: September 13, 2002 (20020913)
INVENTOR(s): TAKAGI MASAOKI
APPLICANT(s): VISA INTERNATL ASIA PACIFIC LTD
APPL. NO.: 2001-037334 [JP 20011037334]
FILED: February 14, 2001 (20010214)
INTL CLASS: G06F-017/60; G07F-019/00

ABSTRACT

PROBLEM TO BE SOLVED: To efficiently settle the bill of **merchandise** delivered to a **retailer**, without depending on cash settlement, while permitting batch management in **real time**.

SOLUTION: A circulation card 7 for the card settlement of a **merchandise** bill is issued to a **retailer** 2 in advance. When a commercial distributor 3 delivers merchandise on receiving an order from the retailer 2, a procedure for settling the merchandise bill is carried out by means of the circulation card 7 with the use of a portable communication **terminal** (cellular phone) 8 on site. Settlement information or the like is transferred to a card company's host computer 13 through an information center 9 and approval of the card settlement and a sales process are effected. The card company 12 demands proceeds of the retailer 2 and carries out a process for transferring the proceeds to the commercial distributor. The commercial distributor 3 can obtain in **real time** the merchandise sales information or the like collected at the information center 9 and is thus capable of batch management of merchandise transactions and the settlements of accounts receivable at each retailer for convenience.

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8/5/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
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07110497 **Image available**
PRODUCT SALE SYSTEM UTILIZING NETWORK AND PRODUCT SELLING METHOD

PUB. NO.: 2001-338164 [JP 2001338164 A]
PUBLISHED: December 07, 2001 (20011207)
INVENTOR(s): MOMOI MASAOKI
APPLICANT(s): NEC CORP
APPL. NO.: 2000-157927 [JP 2000157927]
FILED: May 29, 2000 (20000529)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a product sale system and a method by which an orderer can easily and promptly confirm the inventory of the product in **real time** and reception of the product at a desired retailer through a network.

SOLUTION: The system is constituted of a user **terminal** 10, a sale center **terminal** 20, a retailer **terminal** 30 and a communication network 100 such as the Internet to connect these **terminals**, the sale center **terminal** 20 confirms **inventory** of the product to the **retailer** in **real time** and selects the retailer with convenience when the orderer

purchases the product according to a request of the order via the network 100.

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8/5/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
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06932567 **Image available**
SYSTEM AND METHOD FOR ELECTRONIC SETTLEMENT, SETTLING **TERMINAL** , PAYING **TERMINAL** AND SETTLEMENT CENTER

PUB. NO.: 2001-160108 [JP 2001160108 A]
PUBLISHED: June 12, 2001 (20010612)
INVENTOR(s): NIWA YUJI
APPLICANT(s): NEC CORP
APPL. NO.: 11-344070 [JP 99344070]
FILED: December 03, 1999 (19991203)
INTL CLASS: G06F-019/00; G06F-017/60; G07D-009/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide an electronic settlement system, an electronic settling method, a settling **terminal** , a paying **terminal** and a settlement center which reduce the processing load on a purchasing person side and also **dynamically** perform settlement completion in between a settling side without transferring personal authentication information to a seller side.

SOLUTION: When the purchaser purchases **merchandise** at the store of the **seller** , the settling **terminal** 21 provided for the seller transmits the contents of settlement processing to the paying **terminal** 22 owned by the purchaser. When the purchaser confirms the contents of the settlement processing received by the **terminal** 22, it is communication-connected from each of the **terminals** 21 and 22 separately to the settlement center 20 through different transmission lines and respectively transmit information necessary to settlement processing. The center 20 discriminates whether or not to process on the basis of the information received the both **terminals** and performs prescribed money transfer processing.

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8/5/4 (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO
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06212720 **Image available**
REAL TIME INVENTORY CONTROL SYSTEM

PUB. NO.: 11-154280 [JP 11154280 A]
PUBLISHED: June 08, 1999 (19990608)
INVENTOR(s): IZAWA TSUTOMU
MIYAMOTO KOJI
HANEDA YOSHIKI
APPLICANT(s): FUJITSU GENERAL LTD
APPL. NO.: 09-319378 [JP 97319378]
FILED: November 20, 1997 (19971120)
INTL CLASS: G07G-001/12; G06F-019/00

ABSTRACT

PROBLEM TO BE SOLVED: To construct an inventory control system which is used for sales by each store server performing intra-stock collation for a sales object product which is inputted by a **POS terminal** and performing

collation of headquarter stock in **real time** at time of none of
stock in the store.

SOLUTION: When products do not exist at a selling cite, store inventory collating part 22 collates the existence of corresponding product stock and its quantity by an inventory master 41. When the quantity that is needed is secured, a stock reserving part 24 performs sales reserving of goods in stock, registers them on a reserving master 42 and also performs such reserving processing at to reduce stock quantity from the master 41. Where there is no stock, a sending data producing part 32 produces sending data that is necessary to send and sends it to a headquarters server via a communication controlling part 31. When a confirmation result that stock exists from the headquarter server, an other store stock reserving part 25 sends a sales reserving request for headquarter stock to a real updating part 30. The part 30 requests the headquarter server for reserving processing of stock and also registers it on the master 42.

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8/5/5 (Item 5 from file: 347)

DIALOG(R)File 347:JAPIO

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06131932 **Image available**

SHARED TYPE INVENTORY RETRIEVAL/COMMODITY ORDER SYSTEM

PUB. NO.: 11-073470 [JP 11073470 A]
PUBLISHED: March 16, 1999 (19990316)
INVENTOR(s): YAMAMOTO RIKA
APPLICANT(s): NEC CORP
APPL. NO.: 09-247794 [JP 97247794]
FILED: August 28, 1997 (19970828)
INTL CLASS: G06F-019/00; G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To enable a **retailer** to execute **inventory** retrieval and commodity order at **real time** without individually constructing an inventory retrieval/ commodity order system by a wholesaler in his (or her) own company.

SOLUTION: A company information registering means 111 registers company information in a company master file 20. At the time of receiving a commodity information registering instruction from a wholesaler's **terminal** equipment 2, a commodity information registering means 121 registers commodity information in a commodity master file 30. At the time of receiving an **inventory** information retrieving instruction from a **retailer** 's **terminal** equipment 3, an **inventory** information retrieving means 131 retrieves inventory information from the file 30 and returns the retrieved contents to the equipment 3. At the time of receiving an order information registering instruction from the equipment 3, a commodity ordering means 132 registers order information in an order information file 40. At the time of receiving an order information reading instruction from the **terminal** 2, an order information reading means 122 reads out the order information from the file 40 and returns the read contents to the **terminal** 2.

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8/5/6 (Item 6 from file: 347)

DIALOG(R)File 347:JAPIO

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01979161 **Image available**

POS SYSTEM

PUB. NO.: 61-193261 [JP 61193261 A]
PUBLISHED: August 27, 1986 (19860827)
INVENTOR(s): ISHINO TATSUYUKI
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 60-032312 [JP 8532312]
FILED: February 20, 1985 (19850220)
INTL CLASS: [4] G06F-015/21
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 537, Vol. 11, No. 19, Pg. 122,
January 20, 1987 (19870120)

ABSTRACT

PURPOSE: To enable quick grasping of the **merchandise** selling well in the **store** by always up-dating the individual product aggregate total file of the leading products, as well as the overall individual product aggregate total file.

CONSTITUTION: In case of registering the new (up-date processed) aggregate total record in the leading individual product file 22, when the No. of items in the file 22 has reached 20, the smallest record in the aggregate total record is shifted down one step to make void area. On the other hand, when the No. recorded is less than 20, the largest record in the aggregate total record is shifted up one step to make void area. Where the recorded number is less than 20 means that when the aggregate total record is registered in the file, or where the file 22 has been temporarily cleared. By this process n items of data of the best sellers are retained in the leading individual products file 22 by **real time**, quantity, and sum amount.

8/5/7 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015833743 **Image available**

WPI Acc No: 2003-895947/200382

Related WPI Acc No: 1999-059473; 2000-223308; 2001-647521; 2002-237646

XRPX Acc No: N03-714880

Wireless software updating method in wireless communication system, involves comparing operating software version of mobile terminal with current software version of terminal stored in host computer or transfer protocol server

Patent Assignee: TELXON CORP (TELX-N)

Inventor: COWAN P A; CRISS M A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6643506	B1	20031104	US 96694637	A	19960807	200382 B
			US 9823857	A	19980213	
			US 98208785	A	19981210	

Priority Applications (No Type Date): US 98208785 A 19981210; US 96694637 A 19960807; US 9823857 A 19980213

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6643506	B1	37	H04M-003/00	Cont of application US 96694637 CIP of application US 9823857 Cont of patent US 5848064

Abstract (Basic): US 6643506 B1

NOVELTY - The indicia of operating software version of the mobile **terminal** is compared with the indicia of **current** version of mobile **terminal** operating software stored in the host computer and the file

transfer protocol (FTP) server. The operating software stored in the mobile **terminal** is wirelessly updated, if the operating software version of the mobile **terminal** is not the **current** version.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for wireless communication system.

USE - For updating operating software version of mobile **terminals** e.g. mobile telephone, pagers, data **terminals** used in wireless communication system (claimed) using local area network (LAN), wide area network (WAN), in retail **stores** and warehouses for tracking **inventory** and replenish stock, in transportation industry for managing account of incoming and outgoing shipments, in manufacturing facilities for tracking components, completed products, defects, and also for patient care applications.

ADVANTAGE - Efficient and reliable updating of mobile **terminal** operating software is performed automatically.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart explaining the wireless software updating process.

pp; 37 DwgNo 11/16

Title Terms: WIRELESS; SOFTWARE; UPDATE; METHOD; WIRELESS; COMMUNICATE; SYSTEM; COMPARE; OPERATE; SOFTWARE; VERSION; MOBILE; **TERMINAL** ; **CURRENT** ; SOFTWARE; VERSION; **TERMINAL** ; STORAGE; HOST; COMPUTER; TRANSFER; PROTOCOL; SERVE

Derwent Class: T01; W01

International Patent Class (Main): H04M-003/00

International Patent Class (Additional): H04B-001/38

File Segment: EPI

8/5/8 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015648676 **Image available**

WPI Acc No: 2003-710859/200367

XRPX Acc No: N03-568435

Stock options values summarizing and reporting method, involves generating aggregated benefits report that include vested and unvested option values, and outputting benefits report to terminal using communications network

Patent Assignee: UBS PAINWEBBER INC (UBSP-N)

Inventor: CHEN K C; HUNG B M D; ROMER G G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030149646	A1	20030807	US 200260305	A	20020201	200367 B

Priority Applications (No Type Date): US 200260305 A 20020201

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030149646	A1	47	G06F-017/60	

Abstract (Basic): US 20030149646 A1

NOVELTY - The method involves determining vested and unvested option values at stored set of **stock** options contained in **stored** client account data. Aggregated benefits reports that include vested and unvested option values are generated for the stock options. The benefits report is output to a client **terminal** using a communication network (160) in response to a request received from the client **terminal**.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a data aggregation system configured to determine and report the value of one set of stock options.

USE - Used for summarizing and reporting stock option values over communication networks.

ADVANTAGE - The method handles a large number of investors and the

speed at which the **current** set of investments in a **investor's** portfolio can change, thereby increasing the efficiency of tracking and monitoring investment position and performance.

DESCRIPTION OF DRAWING(S) - The drawing shows a network view of the stock options values summarizing and reporting system.

Communication network (160)

pp; 47 DwgNo 1/23

Title Terms: STOCK; OPTION; VALUE; SUMMARY; REPORT; METHOD; GENERATE;
AGGREGATE; BENEFICIAL; REPORT; OPTION; VALUE; OUTPUT; BENEFICIAL; REPORT;
TERMINAL ; COMMUNICATE; NETWORK

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

8/5/9 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014593702 **Image available**

WPI Acc No: 2002-414406/200244

Related WPI Acc No: 1992-132304; 1993-117794; 1993-188620; 1993-243422;

1994-271919; 1996-010196; 1996-087144; 1996-231107; 1996-433078;
1997-212221; 1997-271398; 1997-319156; 1997-434480; 1998-322932;
1998-322944; 1998-322945; 1998-361875; 1998-398204; 1998-446238;
1998-466765; 1999-010004; 1999-044719; 1999-152937; 1999-214193;
1999-244138; 1999-443019; 1999-477900; 1999-493561; 1999-539615;
1999-619985; 2000-037247; 2000-072254; 2000-086054; 2000-115361;
2000-236934; 2000-524001; 2000-524448; 2000-532450; 2001-031532;
2001-102429; 2001-181371; 2001-256173; 2001-265481; 2001-280554;
2001-281120; 2001-366072; 2001-450892; 2001-495949; 2001-521102;
2001-589357; 2001-601458; 2002-048523; 2002-054658; 2002-146729;
2002-338795; 2002-381743; 2002-393312; 2002-518024; 2002-519495;
2002-546565; 2002-588984; 2002-589430; 2002-616528; 2002-690520;
2002-759278; 2003-038469; 2003-038988; 2003-045938; 2003-056784;
2003-208755; 2003-310964; 2003-331095; 2003-331096; 2003-342101;
2003-353379; 2003-370511; 2003-402355; 2003-402356; 2003-429010;
2003-429358; 2003-439339; 2003-449660; 2003-466288; 2003-479861;
2003-480331; 2003-480332; 2003-491796; 2003-503587; 2003-512620;
2003-531480; 2003-531515; 2003-531907; 2003-557833; 2003-567264;
2003-567265; 2003-596873; 2003-616122; 2003-625560; 2003-644268;
2003-644886; 2003-657333; 2003-658531; 2003-677710; 2003-696044;
2003-707801; 2003-747073; 2003-747412; 2003-776018; 2003-810673;
2003-896874; 2004-008876

XRPX Acc No: N02-325830

**Bar code symbol reading system for point -of- sales terminal ,
produces automatically acknowledgment signal in response to recovered
symbol character data stored in buffer**

Patent Assignee: COLAVITO S J (COLA-I); GERMAINE G (GERM-I); KNOWLES C H
(KNOW-I); ROCKSTEIN G B (ROCK-I); WILZ D M (WILZ-I); METROLOGIC INSTR INC
(METR-N)

Inventor: COLAVITO S J; GERMAINE G; KNOWLES C H; ROCKSTEIN G B; WILZ D M

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020033418	A1	20020321	US 99346859	A	19990702	200244 B
			US 2001785410	A	20010216	
US 6460769	B1	20021008	US 91761123	A	19910917	200274
			US 99346859	A	19990702	
			US 2001785410	A	20010216	

Priority Applications (No Type Date): US 99346859 A 19990702; US 2001785410
A 20010216; US 91761123 A 19910917

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20020033418 A1 88 G06K-007/10 Cont of application US 99346859
US 6460769 B1 G06K-007/10 CIP of application US 91761123
Cont of application US 99346859
CIP of patent US 5340971

Abstract (Basic): US 20020033418 A1

NOVELTY - A buffer stores symbol character data recovered from synthesized data packet. An acknowledgment signal is automatically produced in response to the recovered data at a base unit, and sent to an user device within predetermined range, so as to inform the user that symbol character data is received and recovered at assigned base unit.

USE - For **point-of-sales terminal** in retail stores, supermarkets, **inventory** and document tracking and diverse data control applications.

ADVANTAGE - By providing packet time delay among data packets of each transmitted group, re-reading and re-transmission of bar code symbols is effectively minimized, with improved efficiency. The bar code reading system is capable of performing a wide variety of complex division-making operations in **real-time**, endowing the system with a level of intelligence.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic representation of data packets transmitted from bar code symbol reading device.

pp; 88 DwgNo 10/33

Title Terms: BAR; CODE; SYMBOL; READ; SYSTEM; POINT; SALE; **TERMINAL** ;
PRODUCE; AUTOMATIC; SIGNAL; RESPOND; RECOVER; SYMBOL; CHARACTER; DATA;
STORAGE; BUFFER

Derwent Class: T01; T04; T05; W02

International Patent Class (Main): G06K-007/10

File Segment: EPI

8/5/10 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014416943 **Image available**

WPI Acc No: 2002-237646/200229

Related WPI Acc No: 1999-059473; 2000-223308; 2001-647521; 2003-895947

XRPX Acc No: N02-182915

Software upgrading method in wireless communication system, involves referring time table to judge updating of operating software wirelessly, when stored operating system is not current version

Patent Assignee: COWAN P A (COWA-I); CRISS M A (CRIS-I)

Inventor: COWAN P A; CRISS M A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20010029178	A1	20011011	US 96694637	A	19960807	200229 B
			US 9823857	A	19980213	
			US 99234813	A	19990121	
			US 2001876491	A	20010607	

Priority Applications (No Type Date): US 99234813 A 19990121; US 96694637 A 19960807; US 9823857 A 19980213; US 2001876491 A 20010607

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20010029178	A1	46	H04M-003/00	Cont of application US 96694637 CIP of application US 9823857 Cont of application US 99234813 Cont of patent US 5848064 CIP of patent US 6031830

Abstract (Basic): US 20010029178 A1

NOVELTY - An operating software version stored in a mobile **terminal** (36), is checked for **current** version, when the time to initiate operating software upgrading is judged by referring a time table. The operating software is wirelessly updated, if it is determined that the stored operating software is not the **current** version.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Wireless communication system;
- (b) Mobile **terminal**

USE - For upgrading software in mobile **terminal** (claimed) of wireless e.g. cellular communication system (claimed) in network such as local area network (LAN) and wide area network (WAN) and used in retail **store**, warehouse for **stock inventory** and replenishment, in large outdoor storage facility of transportation industry for goods shipment tracking, in manufacturing facility for tracking parts, completed and defective products, etc, and also in patient care service.

ADVANTAGE - In the event it is determined that a new version exists, then every file corresponding to a file name or package name is downloaded regardless of whether only one file or more than one of the file associated with the file name has been changed, added or deleted. Needless downloading and hence time involved are reduced.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of wireless communication system.

Mobile **terminal** (36)

pp; 46 DwgNo 1/22

Title Terms: SOFTWARE; UPGRADING; METHOD; WIRELESS; COMMUNICATE; SYSTEM; REFER; TIME; TABLE; JUDGEMENT; UPDATE; OPERATE; SOFTWARE; STORAGE; OPERATE; SYSTEM; **CURRENT** ; VERSION

Derwent Class: T01; W01; W02

International Patent Class (Main): H04M-003/00

File Segment: EPI

8/5/11 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014125178 **Image available**

WPI Acc No: 2001-609388/200170

XRPX Acc No: N01-455026

Selling management system for unmanned store, has data processor that computes number of goods to supplemented to unmanned store based on selling condition data

Patent Assignee: NIPPON DENKI JOHO SERVICE KK (NIDE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001195645	A	20010719	JP 20005038	A	20000113	200170 B

Priority Applications (No Type Date): JP 20005038 A 20000113

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001195645	A		8 G07F-009/00	

Abstract (Basic): JP 2001195645 A

NOVELTY - A data processor (252) computes the number of goods to be supplemented to an unmanned store based on selling condition data such that the computed number can be transmitted to a **terminal** equipment (3) by a data communication section (21). A setting information retainer (23) maintains the threshold value set-up to the selling condition data based on the number of stocks of goods.

USE - For unmanned store.

ADVANTAGE - Prevents generation of quotient run out ir change

breakout. Simplifies control of threshold value and selector. Ensures efficient recursive supplement operation. Enables **real - time** confirmation of goods **inventory in** unmanned **store**. Uses radio communication. Prevents loss of sales opportunity.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of a selling management system. (Drawing includes non-English language text).

Terminal equipment (3)
Data communication section (21)
Setting information retainer (23)
Data processor (252)
pp; 8 DwgNo 1/1

Title Terms: SELL; MANAGEMENT; SYSTEM; UNMANNED; STORAGE; DATA; PROCESSOR;
COMPUTATION; NUMBER; GOODS; SUPPLEMENTARY; UNMANNED; STORAGE; BASED; SELL
; CONDITION; DATA
Derwent Class: T01
International Patent Class (Main): G07F-009/00
International Patent Class (Additional): G06F-019/00; H04B-007/26
File Segment: EPI

8/5/12 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013050351 **Image available**

WPI Acc No: 2000-222205/200019

XRFX Acc No: N00-166308

**Customer account manipulating method in point of sale payment method
for automated banking, billing payment, interactive television home
shopping application**

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE)

Inventor: REEDER K R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6014636	A	20000111	US 97851923	A	19970506	200019 B

Priority Applications (No Type Date): US 97851923 A 19970506

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 6014636 A 8 H04M-011/00

Abstract (Basic): US 6014636 A

NOVELTY - A detected customer account information and an identified merchant information are transmitted to a customer bank and the account information is manipulated for paying the merchant. After manipulating the information, the merchant is made to fill a customer order information.

DETAILED DESCRIPTION - An order form from a server connected to the customer bank is transmitted to the customer using an **interactive** network. Customer information, customer payment option information and customer order information in an order form are received at the server. Customer account information is detected by swiping a customer credit card through a magnetic card reader from the customer information obtained from a card. Payment option information and a merchant corresponding to a customer order information are identified. An INDEPENDENT CLAIM is also included for an apparatus for providing **point of sale** payment by customer to a merchant.

USE - Used in **point of sale** payment using ITV or world wide web to select and order **merchandise** from **merchant** using set top box (STB) card reader attached to customers personal computer or ITV station. In ITV home shopping application, and for automated banking, billing payment. For paying customer's house mortgage, telephone bill, etc.

ADVANTAGE - Since customer account information is transmitted from ITV server to credit card issuer, the customer need not be present at **merchant** location but can select **merchandise** and effectuate payment from his home using ITV or WWW and set to box (STB) magnetic stripe reader attached to customer's ITV station or personal computer. Since approval of credit or debit is automatically done through ATM network or credit card network, the merchant need not verify the approval of debit or credit.

DESCRIPTION OF DRAWING(S) - The figure is a block diagram of an **point of sale** payment apparatus.

pp; 8 DwgNo 1/2

Title Terms: CUSTOMER; ACCOUNT; MANIPULATE; METHOD; POINT; SALE; PAY; METHOD; AUTOMATIC; BANK; BILL; PAY; INTERACT; TELEVISION; HOME; SHOPPING; APPLY

Derwent Class: T01; T05; W02; W03

International Patent Class (Main): H04M-011/00

File Segment: EPI

8/5/13 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012622698 **Image available**

WPI Acc No: 1999-428802/199936

XRPX Acc No: N99-319097

Computerized merchandise discount processing method in grocery and general merchant stores

Patent Assignee: INCREDICARD LLC (INCR-N)

Inventor: JOHNSON G D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5924080	A	19990713	US 96654057	A	19960528	199936 B

Priority Applications (No Type Date): US 96654057 A 19960528

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5924080	A		9	G06F-015/21	

Abstract (Basic): US 5924080 A

NOVELTY - The received consumer identification codes are compared with corresponding codes stored in a database for verifying consumer's membership. Discounts on merchandise subjected to a price discount are computed and downloaded to the merchant's **terminal**.

DETAILED DESCRIPTION - When a consumer purchases a **merchandise**, a **merchant terminal** downloads a consumer identification code and identification code of the purchased merchandise to a centralized computer. The centralized computer is connected to a network of multiple unaffiliated merchant's **terminals** for **real time** communication. The database of the centralized computer stores demographic information about manufactures, merchants and consumers, in predetermined files. **Real time** communication between the merchant's **terminal** and the centralized computer is provided by a cash register. Each consumer is provided with a membership identity card have memory storage portion containing the consumer identification code. Indicia identifying the merchandise subjected to a price discount is displayed to the consumer, through a form of media advertisement. A sales slip is printed for the consumer, indicating the discounts for the purchased merchandise, subjected to a price discount. If the consumer identification code is not valid, the discounting of the merchandise is terminated. An INDEPENDENT CLAIM is also included for a computerized membership system.

USE - For processing **merchandise** discounts and providing **in - store** purchase discounts for predetermined products without use of

coupons, in grocery and general merchant stores.

ADVANTAGE - By displaying indicia to consumers, identifying the merchandise subjected to a price discount, consumers, being aware of the discount status of the product, are motivated to purchase the discounted item, resulting in increased sales in grocery stores and the time required to go through the coupon section of newspapers, is eliminated for the consumers. As the discount is allowed only after verifying membership validity, possibility of consumer fraud is eliminated. As the discount computation and verification of consumer membership validity is performed a centralized computer with high speed, the transaction time is highly reduced. As the data corresponding to a purchased merchandise is updated into the database, the manufacturers are allowed to track the introduction of a new product, still maintaining standard surveillance over established products.

DESCRIPTION OF DRAWING(S) - The figure shows a flow chart illustrating the computerized merchandise discount processing method.

pp; 9 DwgNo 1/2

Title Terms: MERCHANDISE; DISCOUNT; PROCESS; METHOD; GROCERY; GENERAL; MERCHANT; STORAGE

Derwent Class: T01; T04; T05; W02

International Patent Class (Main): G06F-015/21

International Patent Class (Additional): G01G-019/415; H04H-009/00; H04N-007/00

File Segment: EPI

8/5/14 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011683699 **Image available**

WPI Acc No: 1998-100609/199809

XRPX Acc No: N98-080655

Selecting, printing, and dispensing redeemable discount coupon at electronic coupon dispensing terminals - has switch for sensing selection of shopping cart and return of cart to storage, optical reader for reading bar-coded paper key, touch screen video monitor for selecting coupon, and coupon printing and issuing device

Patent Assignee: LARSON B (LARS-I); LOPEZ J (LOPE-I)

Inventor: LARSON B; LOPEZ J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5708782	A	19980113	US 9335220	A	19930322	199809 B
			US 94348713	A	19941202	

Priority Applications (No Type Date): US 94348713 A 19941202; US 9335220 A 19930322

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5708782	A	18	G06F-017/60	CIP of application US 9335220

Abstract (Basic): US 5708782 A

A computerised **kiosk**, updated by a remote command center, is located at the entrance of the corral. Customers receive a key at the **check out** counter to be used to access the dispenser for the selection of discount coupons. As the cart is replaced in the corral, the system is activated and the customer selects from a touch screen monitor and a dispenser prints and issues a manufacturer's coupon.

Statistical information is gathered by the computer and relayed to the store CPU. Maintenance requirements are also relayed to the store CPU.

ADVANTAGE - System pays for itself immediately from combined savings in labour, shrinkage and liability, which does not consider

newly-created revenues from floor space displays and **inventory** returns formerly used for **in - store** cart storage. Provides entertainment value of **interactive** coupon selection, clean parking spaces and fewer cart-to-car encounters, goodwill amongst shoppers and more pleasant shopping experience.

Dwg.1/11

Title Terms: SELECT; PRINT; DISPENSE; DISCOUNT; COUPON; ELECTRONIC; COUPON; DISPENSE; **TERMINAL** ; SWITCH; SENSE; SELECT; SHOPPING; CART; RETURN; CART ; STORAGE; OPTICAL; READ; READ; BAR; CODE; PAPER; KEY; TOUCH; SCREEN; VIDEO; MONITOR; SELECT; COUPON; COUPON; PRINT; ISSUE; DEVICE

Derwent Class: T01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06G-007/52

File Segment: EPI

8/5/15 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009025910 **Image available**

WPI Acc No: 1992-153270/199219

XRPX Acc No: N92-114394

Computer based stock control system - has host computer system communicating with distribution computer system which includes warehouse and remote communication subsystems

Patent Assignee: RUEGO DEV CO LTD (RUEG-N); HUBRIAN SYSTEMS & RES LTD (HUBR-N)

Inventor: EAKINS J; HASSETT J D

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2249416	A	19920506	GB 91122857	A	19911028	199219 B
BE 1003531	A6	19920414	BE 911065	A	19911119	199222
GB 2249416	B	19940817	GB 9122857	A	19911028	199430

Priority Applications (No Type Date): IE 904728 A 19901231

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2249416	A		20		
BE 1003531	A6		16	G06F	
GB 2249416	B		4	G06F-015/24	

Abstract (Basic): GB 2249416 A

The stock and price control computer system includes a host computer system (1) for communication with a distribution computer system (10), which in turn includes various sub-systems including a warehouse sub-system (12) and remote communications sub-system (13). Price and stock data is transmitted from the host computer system (1) to a host processor (15) of the distribution computer system. The host processor also receives data relating to the warehouse sub-system (12).

The remote communications sub-system (13) includes polling computers (35) for polling computer systems **in retail stores** and downloading of price and **stock** data, and also for uploading of order data. The order data is transmitted to a warehouse sub-system microcomputer (25) via the host processor (15) for automatic generation of picking lists.

USE/ADVANTAGE - Provides communication of data for retrieval of goods from distribution centres and to assist in central of retail stores. Any of systems may act as host system in which group purchasing and sales data is recorded and distributed.

Dwg.2/3

Title Terms: COMPUTER; BASED; STOCK; CONTROL; SYSTEM; HOST; COMPUTER; SYSTEM; COMMUNICATE; DISTRIBUTE; COMPUTER; SYSTEM; WAREHOUSE; REMOTE; COMMUNICATE; SUBSYSTEM

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(FILE 'HOME' ENTERED AT 15:54:54 ON 12 JAN 2004)

FILE 'CONFSCI' ENTERED AT 15:55:00 ON 12 JAN 2004

L1 0 S (IN() (STORE? OR HOUSE) OR MERCHANT) (3N) (INVENTORY OR INVENTOR

File 348:EUROPEAN PATENTS 1978-2004/Jan W02

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File 349:PCT FULLTEXT 1979-2002/UB=20031225,UT=20031218

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?ds

Set	Items	Description
S1	1650	(IN(1W) (STORE? ? OR HOUSE) OR MERCHANT OR VENDOR? OR RETAILER? OR SELLER OR SELLERS) (5N) (INVENTORY OR INVENTORIES OR STOCK OR MERCHANDISE?)
S2	291411	(POINT(1W) (SALE OR SALES) OR CHECKOUT? OR CHECK?()OUT? OR - POS OR TERMINAL OR TERMINALS OR KIOSK OR KIOSKS)
S3	52088	(TRANSMIT? OR TRANSMISS? OR RECEIV? OR SEARCH? OR REQUEST? OR ACCESS?) (3N) (REALTIME OR REAL()TIME OR INTERACTIVE OR INTERACTIV? OR BACK()FORTH OR BACKWARD()FORWARD OR DYNAMIC? OR CURRENT OR TIME()FRAME?)
S4	32	AU=(PHAN C? OR PHAN C?)
S5	255	S1(S)S2
S6	6	S5(S)S3
S7	280	S1(S) (REALTIME OR REAL()TIME OR INTERACTIVE OR INTERACTIV? OR BACK()FORTH OR BACKWARD()FORWARD OR DYNAMIC? OR CURRENT OR TIME()FRAME?)
S8	275	S7 NOT S6
S9	1	S8 AND IC=G06G
S10	219	S8 AND IC=G06F
S11	51	S1(3N) (REALTIME OR REAL()TIME OR INTERACTIVE OR INTERACTIV? OR BACK()FORTH OR BACKWARD()FORWARD OR DYNAMIC? OR CURRENT OR TIME()FRAME?)
S12	0	S11 AND IC=G06G
S13	5	S8 AND G06F
S14	0	S4(S)S1

6/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00943767 **Image available**

**SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR A SUPPLY CHAIN MANAGEMENT
SYSTEME, PROCEDE ET PRODUIT PROGRAMME INFORMATIQUE CONCUS POUR UNE GESTION
DE CHAINE D'APPROVISIONNEMENT**

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Detailed Description

... e-mail. However, since it's limited in its ability to queue messages at the **receiving** end, it's usually used with one of two other protocols, POP3 or Internet Message...5806, and raw material suppliers 5808) that can use it to effectively plan purchases and **inventory**. The second is to automate restaurant ordering (food and packing, equipment and promotions, etc.).

The...

...as follows. Restaurants send detailed menu sales information to the ISCM each day from their **point of sale** (**POS**) registers. The **POS** data is converted from menu sales data to material usage data. Specifically a recipe or...functions. They create retailer orders and send them to distributors for processing. They provide daily **POS** data to supply chain management, who will then enhance it and provide it to members...

6/3,K/2 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00885086 **Image available**

METHODS AND SYSTEMS FOR DISTRIBUTING PRODUCTS
PROCEDES ET SYSTEMES DE DISTRIBUTION DE PRODUITS

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200219210 A1 20020307 (WO 0219210)
Application: WO 2001US26483 20010824 (PCT/WO US0126483)
Priority Application: US 2000228190 20000825; US 2000710690 20001110

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6977

Fulltext Availability:

Detailed Description

Detailed Description

... 00. The user 3 06 may do this in order to check whether an alternate **retailer** has **current stock** of the **requested** product. The user 306 may be a consumer or may be a customer service personnel...

...user 306 has failed to find a desired product at the current retail location. The **terminal** 308 will transmit the user's 306 request to the IMS 100 using a suitable...

...or a wireless communication. The IMS 100 will then analyze its database to determine which **retailers** 104 currently have **stock** of the - 15 requested product and will determine, of the **retailers** 104 with **stock**, the **retailer** closest to the user's 306 location. This is accomplished in substantially the same manner...

...the previously described procedure for determining the closest retailer to a consumer 106 that has **current** stock of the **requested** product. After determining the closest retailer to the user 306 with current stock, the IMS 100 transmits the identity of the closest retailer to the **terminal** 308, via one of the aforementioned formats and methods. The **terminal** 308 then presents the user 306 with the identity of the closest retailer on a display integrated as part of the **terminal** 308. The closest retailer, in some cases, may be the retail location in which the ...

...closest retailer may be a different retail location than the retail location in which the **terminal** 308 is situated. Turning to FIG. 4, the present inventions also process payments from participants...retailer 560 to forward the request. The retailer 560 is determined by choosing the closest **retailer** to the consumer with **current stock** of the **requested** product and is displayed to the consumer via the web site of the indirect seller...

...the terminal 574, if the terminal 574 is used to transmit the request. If no **retailer** is available, the **inventory** management system 500 preferably notifies the indirect seller 506 who subsequently notifies the consumer of...

...using the web site of the indirect seller 506, or to the user of a **terminal** 574 via a display on the **terminal** 574.

After receiving a request from the inventory management system 500, the retailer 560 retrieves...

6/3,K/3 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00860454

SYSTEM AND METHOD FOR CONTENT ADAPTATION AND PAGINATION BASED ON TERMINAL CAPABILITIES

SYSTEME ET PROCEDE D'ADAPTATION ET DE PAGINATION DE CONTENU BASE SUR DES CAPACITES DE TERMINAL

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200193097 A2-A3 20011206 (WO 0193097)

Application: WO 2001IB907 20010523 (PCT/WO IB0100907)

Priority Application: US 2000584499 20000601

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE

SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 8197

Fulltext Availability:

Claims

Claim

... may be any type of Internet web site such as, but not limited to, a
merchandise vendor. The content provider 10 and the content server 20
may communicate through the Internet using...scheduler may be provided in
which regular updates of information are downloaded to the user **terminal**
30 based on the user profile. Further, the content input and filtering
module 50 would...

...received as well as documents and user profiles and information required
to interface to the **terminal** and screen type being used. The
information stored in database 60 related to **terminal** input and screen
type is discussed in further detail in reference to FIGs. 4 through...

...a real-time service module 70 is provided in order to interface to the
user **terminal** 30. This real-time service module 70 would allow for
accessing a specific portion of the user **terminal** 30 screen to allow
for updates in such items as stock prices. Further, the real...

...be able to transmit video and audio signals in a streaming mode to the
user **terminal** 30 such as required when listening to music or viewing a
video or television program...

...FIG. 2, the real-time service module 70 is provided to interface to the
user **terminal** 30 and the remainder of the content server 20 software.
The realtime server module 70 may send digital data to the user **terminal**
30 via either realtime updates or video and audio streaming. When video
and audio streaming is required, the **real - time** service module 70
transmits the digital data in a continuous flow to the user termina[30.
However, if real...

...Further, the client connection handler 80 will retrieve the specific
information related to the user **terminal** 30 and client from 5 database
60. Also, the client connection handler 80 will locate...

...module 1 00, shown in FIG. 4.

Still referring to FIG. 2, a pagination and **terminal** adaptation module
(pagination engine) 90 is utilized to paginate documents and menu lists
sent to user **terminal** 30. The pagination engine 90 also converts the
digital data to the proper format for each user **terminal** 30 and further
supplies a style manager to accomplish this format conversion. The

terminates execution. However, if additional elements of the content need pagination...
...from the content storage file 120 and the placement and usage layout rules for this **terminal** type and user profile are retrieved from the user and **terminal** profile 140 contained in database 60. Layout rules provide information, such as but not limited...

6/3,K/4 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00806392

TECHNOLOGY SHARING DURING ASSET MANAGEMENT AND ASSET TRACKING IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT AND METHOD THEREOF

PARTAGE TECHNOLOGIQUE LORS DE LA GESTION ET DU SUIVI DU PARC INFORMATIQUE DANS UN ENVIRONNEMENT DU TYPE CHAÎNE D'APPROVISIONNEMENT RESEAUTÉE, ET PROCÉDÉ ASSOCIÉ

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200139086 A2 20010531 (WO 0139086)

Application: WO 2000US32310 20001122 (PCT/WO US0032310)

Priority Application: US 99444653 19991122; US 99447623 19991122

Designated States: AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL

TJ TM TR TT TZ UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 156214

Fulltext Availability:

Detailed Description

Detailed Description

... to site integration, rapid integration of acquisition, duplication reduction, procurement rationalization, transportation rationalization, and reduced **inventories**. In this illustrative embodiment, the Installation Management component may also include the following benefits to...new NCID for the call 3602 before continuing to step 4036. In step 4036, the **current** switch writes the call record, including the NCID, associated with the call 3602 to the...with the terminating trunk group for transporting the call 3602. After getting the parameters, the **current** switch proceeds to step 4404. In step 4404, the current switch determines the terminating trunk...have authority to deliver the NCID to the next switch in a setup message, the **current** switch proceeds to step 4412.

In step 4412, the current switch transports the call 3602...prior session information can be retrieved.

157

It is desirable, to the extent possible, existing **terminal** hardware appropriately adapted and modified to incorporate the principles of the

...bank.

Internet-based payment solutions require additional security measures that are not found in conventional **POS terminals**. This additional requirement is necessitated because Internet communication is done over publicly-accessible, unsecured communication...and capturing credit card transactions and adjustments to these authorizations or captures. In a typical **POS terminal** in the physical world, these messages comprise almost the entire volume of the total number...

...message types, which are used infrequently, but which are critical to the operation of the **POS terminal** must be supported for proper transaction processing.

With the increasing popularity of computer communications, many...price tags in a competitor's store or outlet, or from a customer at the **point of sale** who claims that a certain product can be purchased from a competitor for a certain...

...adds yet another layer of complexity. Further, if a competitor's pricing becomes known at the **point of sale**, the salesperson must determine if he or she is willing to sell the product for...

...and networks. In addition, labor costs are involved in keeping the information in the servers **current**.

One source which can be accessed to provide the monetary resources necessary to establish and...

6/3,K/5 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00769406 **Image available**

**INTEGRATED BUSINESS-TO-BUSINESS WEB COMMERCE AND BUSINESS AUTOMATION SYSTEM
SYSTEME INTEGRE D'AUTOMATISATION DES ECHANGES COMMERCIAUX ENTRE ENTREPRISES
PAR L'INTERNET**

Patent Applicant/Inventor:

WONG Charles, 14250 Miranda Road, Los Altos Hills, CA 94022, US, US
(Residence), US (Nationality)

Legal Representative:

COVERSTONE Thomas E (agent), Burns, Doane, Swecker & Mathis, LLP, P.O.
Box 1404, Alexandria, VA 22313-1404, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200102927 A2-A3 20010111 (WO 0102927)

Application: WO 2000US16739 20000616 (PCT/WO US0016739)

Priority Application: US 99334688 19990617

Parent Application/Grant:

Related by Continuation to: US 99334688 19990617 (CON)

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI

SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 51133

Fulltext Availability:
Claims

Claim

... inventory process in which all items are presold. In one aspect of the invention, virtual **inventory** is defined as each **vendor** order item being related to at least one item sold record created in response to... A/R module. A general ledger (GL) module tracks transactions and their financial implications in **real time**. It therefore **receives** information from the A/P, A/R and virtual inventory modules as well and entry...

...information may be conveyed by electronic means (e.g., Internet, intra net, EDI, satellite, remote **terminal** direct-dial), human-mediated telecommunications (e.g., email, phone, fax), or by physical means (letter...

6/3,K/6 (Item 6 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00536378 **Image available**

METHOD AND SYSTEM FOR IN-STORE MARKETING

PROCEDE ET SYSTEME DE COMMERCIALISATION DE MARCHANDISES EN RAYON

Patent Applicant/Assignee:

HUMBLE David R,

Inventor(s):

HUMBLE David R,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9967730 A1 19991229

Application: WO 99US11931 19990528 (PCT/WO US9911931)

Priority Application: US 9887028 19980528

Designated States: JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 8058

Fulltext Availability:
Detailed Description

Detailed Description

... consumers that is generally not available from semi-trained store personnel. A consumer at an **interactive** display **terminal** can **access** all product information the retailer or manufacturer cares to make available, and since the information...

...product. In addition, it enables the consumer to order a product that is out of **stock** or otherwise not available **in the store**.

Retailers and manufacturers can advantageously use the method and system to reach specific types of.

9/3,K/1 (Item 1 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00385869 **Image available**

INTELLIGENT AGENTS FOR ELECTRONIC COMMERCE
AGENTS INTELLIGENTS POUR COMMERCE ELECTRONIQUE

Patent Applicant/Assignee:

PERSONAL AGENTS INC,

Inventor(s):

PECKOVER Douglas L,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9726612 A1 19970724

Application: WO 97US1057 19970117 (PCT/WO US9701057)

Priority Application: US 9610087 19960117

Designated States: AU CA CN IL JP KR MX AM AZ BY KG KZ MD RU TJ TM AT BE CH

DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 26014

International Patent Class: **G06G-07:52**

Fulltext Availability:

Detailed Description

Detailed Description

... way that 1 5 encourages and supports broad participation in the online market. Of the **current** mechanisms related to online market information, most tend to fall into two categories: search engines...

13/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00753838 **Image available**

A VIRTUAL PRIVATE LOCK BOX

BOITE POSTALE VIRTUELLE PRIVEE

Patent Applicant/Assignee:

THE CHASE MANHATTAN BANK, 41st Floor, 270 Park Avenue, New York, NY 10017
, US, US (Residence), US (Nationality)

Inventor(s):

O'LEARY Denis, The Chase Manhattan Bank, 270 Park Avenue, New York, NY
10017, US
D'AGOSTINO Vincent, The Chase Manhattan Bank, 270 Park Avenue, New York,
NY 10017, US
RE S Richard, 732 Hanford Place, Westfield, NJ 07090, US
BURNES Jessica, Apt. 3F, 301 West 53rd Street, New York, NY 10019, US
HOFFMAN Adam, Apt. 6A, 201 East 15th Street, New York, NY 10019, US

Legal Representative:

WEISBURD Steven I, Ostrolenk, Faber, Gerb & Soffen, LLP, 1180 Avenue of
the Americas, New York, NY 10036, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200067220 A1 20001109 (WO 0067220)
Application: WO 2000US12059 20000503 (PCT/WO US0012059)
Priority Application: US 99132305 19990503; US 99150725 19990825; US
99161300 19991022; US 99163828 19991105; US 99173044 19991223; US
2000497334 20000203

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 19277

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... of access authority to the users.

Additionally, the merchant Account Reporter 240
automatically updates the **merchant** 's accounts receivable, **inventory** &
fulfillment files. As a further extension, Account Reporter 240 also has
fulfillment service capabilities whereby such as the ability
retrieve/review electronic purchase
orders/payments **real time** , and in turn the ability to email or
autofax copies
of such directly to customers...

Claim

... B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by
classification symbols)

IPC 7 G07F **G06F**

Documentation searched other than minimum documentation to the extent
that such documents are included in...

13/3,K/2 (Item 2 file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00731978 **Image available**

DATA PROCESSING SYSTEM FOR FACILITATING MERCHANDISE TRANSACTIONS
SYSTEME INFORMATIQUE POUR FACILITER LES TRANSACTIONS SUR MARCHANDISES

Patent Applicant/Assignee:

CUCKLEBURR COM INC, P.O. Box 542, Mexia, TX 76667, US, US (Residence), US
(Nationality)

Inventor(s):

BRIZENDINE Kyle, P.O. Box 542, Mexia, TX 76667, US

Legal Representative:

CARR Gregory W, Carr & Storm, L.L.P., 900 Jackson Street, 670 Founders
Square, Dallas, TX 75202, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200045315 A1 20000803 (WO 0045315)

Application: WO 2000US2120 20000127 (PCT/WO US0002120)

Priority Application: US 99117500 19990127; US 99418627 19991015

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT

UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 41929

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... to each Number each cardholder (primary or
secondary cardholder by secondary)

point type (education or

merchandise) and by

retailer

On-Going Basis or One Retailer credits to be

Time Button distributed by cardholders

Legend...

...of Secondary Current Date Membership Application Flag

Cardholders

Membership JDfor Secondary Agree to Terms and **Retailer** (if point type

Cardholders Conditions **merchandise**)

Primary cardholder's name Primary Cardholder's Name Credit Card Type

and phone number (if...

...46

RECTIFIED SHEET (RULE 91)

Benefactor is Club Member Benefactor is not a Club member

Retailer (if point type Point Type

merchandise)

Use credit card on file? Y/N

Legend

Bold - Preferred Field Italics - System Generated Field...of Reward

(multiple awards can be (update)

linked to one task)

Retailer (if point type = **Retailer** (if point type

merchandise) **merchandise**)

Number of Points Number of Points

**TIME AVAILABILITY AND
TRANSFERAL OF DATA**

9.3 ABILITY TO REQUIRE A PIN FOR POINT 3...

...BY RETAILER BY MEMBER THIS REQUIREMENT
THROUGH THE REPORTING
FUNCTION.

9.18 ABILITY TO PROVIDE **CURRENT** MEMBER 3 SYSTEM CAN ACCOMMODATE
ACCOUNT INFORMATION VIA THE **INTERACTIVE** THIS REQUIREMENT. REQUIRE
VOICE RESPONSE SYSTEM (WANT THE SAME PURCHASE AND INTEGRATION
POINT BALANCES AVAILABLE...IPC

S. FIELDS SEARCHED

Minimum documentation searched (classification system followed by
classification syrnbo4s)

IPC 7 **G06F**

Documentation searched other than minimum documentation to the extent
that such documents are included in...

13/3,K/3 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00577717 **Image available**

SEARCH ENGINE DATABASE AND INTERFACE

BASE DE DONNEES ET INTERFACE POUR MOTEUR DE RECHERCHE

Patent Applicant/Assignee:

MICRO-INTEGRATION CORPORATION,

PARSONS John A,

FISHER Ed,

HOTCHKISS Steve,

DURST Kelly,

ROBERTS John,

ELLSWORTH Corey,

KNUPP Roger,

DEVORE Kristi,

EARY Matt,

FAIR Susan,

BRODERICK Mike,

SHOMO William,

LEE wayne,

Inventor(s):

PARSONS John A,

FISHER Ed,

HOTCHKISS Steve,

DURST Kelly,

ROBERTS John,

ELLSWORTH Corey,

KNUPP Roger,

DEVORE Kristi,

EARY Matt,

FAIR Susan,

BRODERICK Mike,

SHOMO William,

LEE wayne,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200041090 A1 20000713 (WO 0041090)

Application: WO 2000US455 20000110 (PCT/WO US0000455)

Priority Application: US 99115353 19990108; US 99117975 19990129; US

99119187 19990208; US 99119495 19990210; US 99119636 19990211; US

99120865 19990219; US 99122357 19990302; US 99124091 19990312; US

99129140 19990413

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG US VN YU ZA ZW GH GM KE LS MW SD SZ TZ UG ZW AM
AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL
PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 41702

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... stock databases of the companies to determine what available and in what quantities. For example, **current** technology allows a clerk at one store to look at the **stock** availability in other **stores**. In our implementation, the search engine and/or online service provider directly links to these...

Claim

... application No.

PCT/USOO/00455

A. CLASSIFICATION OF SLIKJECT MATTER

IPC(7) :G06F 15/16, **G06F** 17/30

US CL :709/200; 707/1, 2, 3, 4, 5

According to International...

13/3,K/4 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00576389 **Image available**

PROMOTING SALE OF A SUBSTITUTE PRODUCT

PROMOTION DE LA VENTE D'UN PRODUIT DE SUBSTITUTION

Patent Applicant/Assignee:

WALKER DIGITAL LLC,

WALKER Jay S,

TEDESCO Daniel E,

MIK Magdalena,

Inventor(s):

WALKER Jay S,

TEDESCO Daniel E,

MIK Magdalena,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200039762 A1 20000706 (WO 0039762)

Application: WO 99US22650 19990929 (PCT/WO US9922650)

Priority Application: US 98221099 19981228

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT

UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ

MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ

CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 12538

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... by the retailer, and the prices at which products are to be sold by the **retailer**.

Product **inventory** information reflects the identity and quantity of each of the products in inventory. This information...

...i.e., when it becomes "last year's" model). Retail product price
7
information includes **current** prices of products, whether or not in
inventory. Product floor price information includes prices of...

Claim

... B. FIELDS SEARCHED
Minimum documentation searched (classification system followed by
classification symbol\$)
IPC 7 G07G **G06F**
Documentation searched other than minimum documentation to the extent
that such documents are included in...

13/3,K/5 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00551292 **Image available**

SYSTEM FOR AUTOMATICALLY CALCULATING CONSUMER EARNED EQUITY
SYSTEME DE CALCUL AUTOMATIQUE DU CREDIT D'AVOIR DE LA CLIENTELE

Patent Applicant/Assignee:

OWNX INC,
PALCIC Patric M,
HAKIM Paul D,

Inventor(s):

PALCIC Patric M,
HAKIM Paul D,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200014665 A1 20000316 (WO 0014665)
Application: WO 99US19927 19990831 (PCT/WO US9919927)
Priority Application: US 9898954 19980903; US 99280212 19990329

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT UA UG US US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY
KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 10407

Fulltext Availability:
Claims

Claim

... including means based thereon for calculating
the customer earned reward in the form of equity **stock** in a
merchant 's/provider's ownership equity interest commensurate with a
customer's purchase;
an equity credit...

...Credit Calculation Process

RAM ROM
Clock CPU
Card
110 OS
L L
610 Software
Merrhants,
Interactive Setup of Equity Creclit
Services and I CalcWation Rules
Products
0
Equ dit

File 256:SoftBase:Review/Companies&Prods. 82-2004/Dec
(c)2004 Info.Sources Inc
File 2:INSPEC 1969-2004/Jan W1
(c) 2004 Institution of Electrical Engineers
File 35:Dissertation Abs Online 1861-2004/Dec
(c) 2004 ProQuest Info&Learning
File 65:Inside Conferences 1993-2004/Jan W2
(c) 2004 BLDSC all rts. reserv.
File 99:Wilson Appl. Sci & Tech Abs 1983-2003/Nov
(c) 2003 The HW Wilson Co.
File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
(c) 2003 EBSCO Pub.
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group
File 474:New York Times Abs 1969-2004/Jan 13
(c) 2004 The New York Times
File 475:Wall Street Journal Abs 1973-2004/Jan 13
(c) 2004 The New York Times

?ds

Set	Items	Description
S1	2188	(IN(1W)(STORE? ? OR HOUSE) OR MERCHANT OR VENDOR? OR RETAILER? OR SELLER OR SELLERS)(5N)(INVENTORY OR INVENTORIES OR STOCK OR MERCHANDISE?)
S2	167352	(POINT(1W)(SALE OR SALES) OR CHECKOUT? OR CHECK?()OUT? OR -POS OR TERMINAL OR TERMINALS OR KIOSK OR KIOSKS)
S3	22542	(TRANSMIT? OR TRANSMISS? OR RECEIV? OR SEARCH? OR REQUEST? OR ACCESS?)(3N)(REALTIME OR REAL()TIME OR INTERACTIVE OR INTERACTIV? OR BACK()FORTH OR BACKWARD()FORWARD OR DYNAMIC? OR CURRENT OR TIME()FRAME?)
S4	6	AU=(PHAN C? OR PHAN C?)
S5	141	S1 AND S2
S6	4	S5 AND S3
S7	3	RD (unique items)
S8	22	S5 AND (REALTIME OR REAL()TIME OR INTERACTIVE OR INTERACTIV? OR BACK()FORTH OR BACKWARD()FORWARD OR DYNAMIC? OR CURRENT OR TIME()FRAME?)
S9	19	S8 NOT S7
S10	12	RD (unique items)
S11	0	S4 AND S1

7/5/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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5782725

Title: Web wise [retailers]

Author(s): Sheridan, J.

Journal: Chain Store Age vol.73, no.11 p.22b, 23b

Publisher: Lebhar-Friedman,

Publication Date: Nov. 1997 Country of Publication: USA

CODEN: CSAGAW ISSN: 0193-1199

SICI: 0193-1199(199711)73:11L.22b:WR;1-H

Material Identity Number: D448-97012

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: The Internet offers many benefits to smart retailers. Possibilities include bypassing electronic data interchange VANs and conducting EDI cheaply over the Internet; providing **real - time access** to warehouse inventory over the Internet at the **point of sale**; enabling busy employees to access the company's systems while on the road; allowing customers to browse products and special-order **merchandise** via **in - store kiosks**. (0 Refs)

Subfile: D

Descriptors: electronic data interchange; Internet; retailing

Identifiers: Internet; retailers; electronic data interchange; warehouse inventory; in-store **kiosks**

Class Codes: D2140 (Marketing, retailing and distribution); D2080 (Information services and database systems)

Copyright 1997, IEE

7/5/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

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02503635 INSPEC Abstract Number: D85002377

Title: In search of application (electronic shopping)

Journal: Direct Marketing vol.48, no.3 p.6-10

Publication Date: July 1985 Country of Publication: USA

CODEN: DIMADI ISSN: 0012-3188

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A); General, Review (G)

Abstract: Videotex system users have shed the novelty cocoon to face the hard reality of the market place: videotex is still a technology in search of application. The past year has seen a number of field trials and small-group user tests end. The results yield some surprising information on the usage of videotex. Several important trends are emerging; one of them being that technologies are merging. This trend will cause more standardisation in equipment and on the text/graphics presentation. Three distinct markets are forming for this new technology. To be successful in the Home Market, home shopping must incorporate videotex, broadcast TV and interactive video in a single system. The Public **Access Market** must be **dynamic**, focused and comprehensive. The Shopping **Terminal Systems**, (**in - store**), must offer brand **merchandise** in order to succeed. France continues to lead the world in interactive technology. The French are moving towards the day when all of their phone subscribers will automatically be on-line for shopping and electronic mail. The 'Smart Card' will help the technology push in the country. (0 Refs)

Subfile: D

Descriptors: EFTS; viewdata

Identifiers: ATM; electronic shopping; videotex; Home Market; home shopping; broadcast TV; interactive video; Public Access Market; Shopping **Terminal Systems**; interactive technology; phone subscribers; electronic mail; Smart Card

Class Codes: D2050 (Financial applications); D2140 (Marketing,

retailing and distribution); D4090 (Viewdata and teletele-

7/5/3 (Item 1 from file: 583)

DIALOG(R) File 583:Gale Group Globalbase(TM)

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06129953

New solution for retailers

MALAYSIA: FUJITSU ANNOUNCED DART FOR RETAILERS

New Straits Times (XAS) 20 Mar 1995 Computimes,p.28

Language: ENGLISH

Fujitsu Systems Business (M) Berhad (FSBM) has introduced DART (**Dynamic Access** Retail Technology), an Executive Information System (EIS) for retailers, developed by Winnipeg-based Inforcorp. DART software runs together with Softwear/ **Point -of- Sales** (**POS**) retail management system. It will analyse retail business components, such as sales, customer performance, **inventory** movement, **vendor** performance and employee performance.

COMPANY: INFORCORP; FSBM; FUJITSU SYSTEMS BUSINESS (M)

PRODUCT: Wholesale Trade (5000); Decision Support/EIS Software (7372DE);

EVENT: Marketing Procedures (24);

COUNTRY: Malaysia (9MAO);

?

10/5/1 (Item 1 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00144555 DOCUMENT TYPE: Review

PRODUCT NAMES: RealPOS 80 (152145); Microsoft Windows XP Embedded
(154415)

TITLE: Retailers Buy In To Real - Time Business
AUTHOR: Greenemeier, Larry Hayes, Mary
SOURCE: Information Week, v923 p22(1) Jan 20, 2003
ISSN: 8750-6874
HOMEPAGE: <http://www.informationweek.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Dell Computer's Opt iPlex PC, NCR's RealPOS 80, and Microsoft Windows XP Embedded are among products increasingly used in retail businesses to enhance the ability to use customer and purchasing trend data. Many retailers had lower than expected sales in 2002 and are therefore looking to products that allow them to gather information in **real time**. Dell's OptiPlex PC is the basis of a new **point-of-sale (POS)** system from Dell that includes PC-based cash registers, software, and peripherals that run Windows or Linux. NCR and Wincor Nixdorf, have also added Linux support to their newest **terminals**. **POS** systems currently in use are aging, and, in new products, retailers are seeking less costly alternatives to the dominant IBM POSes. Dell, for instance, has allied with independent software **vendors** (ISVs) to provide cash management, **inventory** management, customer-loyalty, and other retail software. Add-ons to the OptiPlex PC can be purchased from Dell or other vendors, including add-ons such as receipt printers, bar-code scanners, keyboards, and cash drawers. A Dell customer is Wet Seal, a \$601.9 million-per-year retailer of clothing and accessories, is spending about \$2.5 million to put Dell PC cash registers in 590 stores. The machines will replace PC registers that run the Pick OS and programming language. The Windows-based Dell registers will integrate with more applications at the back end than IBM systems. Wincor Nixdorft provides a version of its Beetle that runs SmallFoot Linux **POS** from SCO Group. NCR's RealPOS 80 runs Linux, Windows XP Embedded, or Windows XP.

COMPANY NAME: NCR Corp (552798); Microsoft Corp (112127)
DESCRIPTORS: Data Acquisition; Embedded Systems; Linux; Marketing
Information; Operating Systems; **Point of Sale**; Retailers; Sales
Analysis; Thin Clients; Windows XP
REVISION DATE: 20030430

10/5/2 (Item 2 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00143743 DOCUMENT TYPE: Review

PRODUCT NAMES: RFID (846902); Smart Product Tags (845604)

TITLE: Real - Time Tech: Unilever sees intelligent product tags as
the...
AUTHOR: Ellis, Simon Lambright, Stephen
SOURCE: Optimize, p44(7) Dec 2002
ISSN: 1537-2308
HOMEPAGE: <http://www.optimize-mag.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

A discussion is provided of Unilever's participation in a consortium of North American businesses called the Auto-ID Center. The companies (among others, Savi Technology, Coca-Cola, Gillette, Home Depot, Johnson & Johnson, Procter & Gamble, United Parcel Service, and Wal-Mart) are working with the Massachusetts Institute of Technology (MIT) to develop expertise in using radio frequency identification (RFID). Auto-ID Center intends to be the impetus behind adoption of RFID standards, to ensure that the cost of RFID chips can be lowered to under five cents through increased demand, and to support development of RFID in participating firms' supply chains. With RFID-tagged packaging for all products sold, companies will be able to link any level of information to the tag number on a specific product, case, or pallet, and post it on the Internet. Details of age, characteristics, and location of each product can be read by anyone with the needed access privileges. RFID is the automation element of Mobil SpeedPass and EZPass. Its use in retail products will allow companies to identify the product at each step in the extended supply chain. Advantages include the ability to determine sources of theft and diversion of shipments; instant conformation of shipped and delivered quantities; accurate prediction of product arrival at warehouses; timely information on how well products sell; and more accurate **point -of- sale** data.

COMPANY NAME: Vendor Independent (999999)
SPECIAL FEATURE: Graphs
DESCRIPTORS: AutoID; Distribution Management; **Inventory ; Retailers ;**
RFID; Technology Research; Warehouse Management
REVISION DATE: 20030430

10/5/3 (Item 3 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00141534 DOCUMENT TYPE: Review

PRODUCT NAMES: RFID (846902)

TITLE: **Supply Chain Management: Pinpoint Control: Tiny chips may...**
AUTHOR: Ewalt, David M
SOURCE: Information Week, v908 p16(3) Sep 30, 2002
ISSN: 8750-6874
HOMEPAGE: <http://www.informationweek.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Radio frequency identification tags (RFID) may revolutionize supply chain management by letting companies track products from early manufacturing to **point of sale**. These incorporate small microchips into mainstream manufacturing, distribution, and retail environments. RFID tags can give suppliers, manufacturers, distributors, and **retailers** control over **inventory**, shipping, and other logistics. By generating **real - time** data as products move along the supply chain, businesses can make faster decisions and increase productivity. In the past, the application of RFID has been held back by the expense, but now, potential cost has dropped precipitously, as researchers have figured out ways to produce cheap RFID chips in quantity. With many businesses supporting the effort, large-scale production is inevitable. Several major companies now embrace the concept. Procter & Gamble alone could use two billion chips a year, and large retailers such as Wal-Mart will create more demand as they push partners to adopt the technology to improve the overall supply chain.

COMPANY NAME: Vendor Independent (999999)
DESCRIPTORS: AutoID; RFID; Supply Chain Management
REVISION DATE: 20021230

10/5/4 (Item 4 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2004 Info.Sources Inc. All rts. reserv.

00141138 DOCUMENT TYPE: Review

PRODUCT NAMES: Retailers (830308)

TITLE: Your Place or Mine?...want customers to buy online and pick-up at...

AUTHOR: Levinson, Meridith
SOURCE: CIO, v15 n20 p62(6) Aug 1, 2002
ISSN: 0894-9301
HOMEPAGE: <http://www.cio.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

National retailers need a robust Web site to be effective, and seamless multichannel retailing is expected by customers. Multichannel retailers will be working to integrate their e-commerce sites with their inventory and point-of-sale systems over the next five years, to make sure that the Web and the bricks-and-mortar store are integrated. That integration would, for example, allow in-store returns of merchandise bought online, and would allow customers to buy off the Web and pick up at the store. Several major retailers have already taken these steps, however many others have not, because of the difficulty of achieving that level of integration. Those that have succeeded have done so by patching systems together and using a real-time inventory system, as well as building on existing processes. Besides the right technology, infrastructure, and processes, integration of Web and store also requires a certain mindset and vision.

COMPANY NAME: Vendor Independent (999999)
DESCRIPTORS: Business Models; E-Commerce; Point of Sale ; Retailers
REVISION DATE: 20021230

10/5/5 (Item 5 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00135498 DOCUMENT TYPE: Review

PRODUCT NAMES: Markdown Optimizer (079324); i2 Markdown Optimizer (079332); Price Center (079341)

TITLE: Getting Pricing Just Right: Retailers tap analytical applications

AUTHOR: Hicks, Matt
SOURCE: eWeek, v18 n46 p47(3) Nov 26, 2001
ISSN: 1530-6283
HOMEPAGE: <http://www.eweek.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Spotlight's Markdown Optimizer, i2 Technologies' i2 Markdown Optimizer, and

DemandTec's Price Center are all price optimization packages that allow retailers to make the smartest possible decisions regarding how much to discount merchandise and when and how to do it. For instance, ShopKo has used such software for almost a year and has realized very good gross margin increases, says a VP of systems development. More retailers are using analytical price optimization software to try and offset the **current** lack of consumer confidence, which is lower than it has been in seven years. For instance, after beginning a pilot deployment of DemandTec's Price Center software, D'Agostino Supermarkets followed advice to charge a few cents more for vegetable baby food and increased profits by 2.5 percent over a period of two-months. Price optimization analyzers analyze large amounts of historical **point-of-sale** data and use programmable rules and algorithms to calculate an optimal price. The software can help **retailers** increase margins and lower **inventory** costs. Pricing processes and systems have to be integrated to allow a change in price to be swiftly and precisely shown on the store shelf and at the cash register.

COMPANY NAME: Spotlight Solutions (716651); i2 Technologies Inc (539864)
; DemandTec (716669)

SPECIAL FEATURE: Graphs

DESCRIPTORS: Groceries; Internet Marketing; **Inventory** ; Pricing;
Retailers

REVISION DATE: 20020228

10/5/6 (Item 6 from file: 256)

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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00063849 DOCUMENT TYPE: Review

PRODUCT NAMES: **Advanced PICK (016394)**

TITLE: **Management Techniques Inc.**

AUTHOR: Hancock, Wayland R

SOURCE: PickWorld, p38(2) Mar/Apr 1994

ISSN: 1066-2154

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

The Pick System helps meet the needs of wholesale distributors for a company that develops and supports custom-written microcomputer applications. The package allows manufacturers' representatives to specify in-stock and special-order stock items in the same order. Their system automatically prints a pick ticket for warehoused items and a purchase order for **vendors** of out-of- **stock** items. A recently added 'online fax direct' feature, used by several large clients, faxes an order acknowledgment and purchase orders. The **real-time** system is used from computer **terminals**, and a single interface allows the representative to see customer order history. The representative can advise the customer of items that need to be reordered. The software development house saves money on training, which helps the firm remain competitive, since the system is easy to use.

COMPANY NAME: Raining Data Corp (419389)

DESCRIPTORS: Distributors; Manufacturers Representatives; Operating
Systems; Order Fulfillment; Pick; Program Development; Purchase Orders;
Wholesalers

REVISION DATE: 20020630

10/5/7 (Item 1 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

03023427 INSPEC Abstract Number: D88000148

Title: Added value at the point of sale

Author(s): Lucas, D.

Journal: Business Computing & Communications p.44-8

Publication Date: Oct. 1987 Country of Publication: UK

CODEN: BCCOEF ISSN: 0265-1564

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A)

Abstract: The boom in electronic **point of sale** systems (EPOS) has delivered a torrent of data to retail management. The **current** challenge is how best to turn this data to advantage. The new technology, if skilfully exploited, helps **retailers** tighten **stock** control and keep a weather eye on consumer habits, but the extent to which it can deliver tangible competitive rewards remains a matter for speculation. Capturing data is relatively simple in comparison with converting it into actionable management information-'drowning in data, starved of information' provides a succinct description. In response to this situation, there is an expanding catalogue of decision-making software packages, including Murco from Datasolve, and Arthur from Comshare, and networking solutions. (0

Refs)

Subfile: D

Descriptors: decision support systems; **point of sale** systems; retail data processing; software packages; stock control

Identifiers: electronic **point of sale** systems; EPOS; retail management; stock control; consumer habits; management information; decision-making software packages; Murco; Datasolve; Arthur; Comshare; networking

Class Codes: D2010 (Business and professional); D2140 (Marketing, retailing and distribution)

10/5/8 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

02320573 INSPEC Abstract Number: C84046292

Title: Retail system provides up to the minute data

Journal: Canadian Datasystems vol.16, no.6 p.56

Publication Date: June 1984 Country of Publication: Canada

CODEN: CNDSAE ISSN: 0008-3364

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A); General, Review (G)

Abstract: To gain **current** sales data, credit authorization and **inventory** control, a major **retailer** opted for a computer-based system. Zellers Inc., recently completed a \$15-million, seven-year project which involved replacing all of the existing mechanical cash registers with electronic **point of sale** (**POS**) systems. This major project was accomplished using mainly NCR systems along with a smaller number of other systems. (0 Refs)

Subfile: C

Descriptors: **point of sale** systems; retail data processing

Identifiers: electronic **point of sale** system; **current** sales data; credit authorization; inventory control; retailer; computer-based system; Zellers Inc.; NCR systems

Class Codes: C7160 (Manufacturing and industry)

10/5/9 (Item 1 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00649008 01IW11-311

Taking stock with P&G -- Procter & Gamble's real - time retail

out-of-stock monitor takes on the industry's billion-dollar problem

Prencipe, Loretta W

InfoWorld , November 26, 2001 , v23 n48 p52, 1 Page(s)

ISSN: 0199-6649

Company Name: Procter & Gamble

URL: http://www.pg.com

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Discusses the information technology (IT) project of Cincinnati, OH-based Procter & Gamble with the goal of establishing an item velocity monitor to fix out-of-stock (OOS) problems in retail stores. Mentions that at any given time, between ten percent to 12 percent of items at a grocery store are OOS, and that problem can be measured in billions of dollars of lost sales across the consumer packaged-goods industry. Says that the company worked with Charlotte, NC-based data mining and warehousing company Data Ventures to develop an OOS detection tool called an item velocity monitor. Explains that sophisticated algorithms are applied to point-of-sale item scans to detect OOS or unusually slow-moving items. Includes a photo. (EPE)

Descriptors: Inventory; Retailing; Point-of-Sale Systems; Sales; Algorithm; Data Analysis

Identifiers: Procter & Gamble

10/5/10 (Item 2 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

(c) 2003 EBSCO Pub. All rts. reserv.

00391058 95CW07-212

Point of no returns -- For most consumer goods manufacturers, the benefits of point-of-sale data hardly seem worth the bother. Too Bad! Resistance is futile

Wilson, Linda

Computerworld , July 17, 1995 , v29 n29 p71-72, 2 Page(s)

ISSN: 0010-4841

Languages: English

Document Type: Feature Articles and News

Geographic Location: United States

Defines point-of-sale (POS) data and highlights issues that remain before the data is put to good use. Defines POS data as information that is acquired at the checkout counter by scanning bar codes. Says that unfortunately there has been little use of this data as far as getting products from the manufacturer to the retailer or finding out about current stock or sales information. Mentions that issues remain such as the high volume of data, the fact that logistics software is new, POS data is not often integrated with planning of production, and at times the POS data is not accurate. States that retailers will soon use their market power to convince manufacturers to invest in POS data. Includes one sidebar. (bjp)

Descriptors: Point-of-Sale Systems; Retailing; Problem-solving; Marketing; Predictions

10/5/11 (Item 1 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

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09286233

Safeway selects Tivoli to manage store systems

UK: TIVOLI WINS SAFEWAY CONTRACT

Retail Technology (RET) Apr 2000 p.4

Language: ENGLISH

A contract for the management of POS terminals and store controllers at

<UK supermarket group Safeway has been awarded Tivoli. Tivoli Enterprise will take on the monitoring of Safeway store systems, and implement automated problem resolution. Its software will provide constant systems availability for the new **real - time** stock processing functions. Safeway has taken the decision to move from overnight to transaction-by-transaction order processing, whereby it may process orders based on actual **checkout** sales. The group's aim is to boost **in - store stock** availability, while cutting back on inventory and waste.

COMPANY: TIVOLI; SAFEWAY

PRODUCT: Food Retailing (5400); Database Management Software (7372DB);
EVENT: Planning & Information (22); Capital Expenditure (43); Use of
Materials & Supplies (46); Contracts & Orders (61);
COUNTRY: United Kingdom (4UK);

10/5/12 (Item 2 from file: 583)

DIALOG(R) File 583:Gale Group Globalbase(TM)
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09014810

E-business: Impact & Implications

ASIA: IBM'S ROLE IN E-COMMERCE, E-BUSINESS
Retail Asia (ABD) Sep 1998 p.10-15
Language: ENGLISH

IBM has finished with more than 10,000 e-business projects in all industries in the world. E-business refers to how firms use networked transactions of all types among employees, business partners, clients and suppliers for their businesses. IBM and Hongkong Telecom IMS have helped the Hong Kong Article Numbering Association, with 2,200 members from different sectors, start a Web-based EZ*TRADE Electronic Commerce Service to facilitate electronic exchange of trade documents using a Web browser over the Internet. Supermarket chain operator Heiwado from Japan also uses an IBM network to co-operate with processed food and household goods makers to share **real - time** sales information and develop a Continuous Replenishment Program, an instant inventory replacement system to cut down on **inventories**. Clothing **retailer** Canterbury International from New Zealand uses an IBM e-business solution to trim its sales process by equipping its mobile sales representatives with the technology to access customer data and order stock on-line from the customer's location. According to Forrester Research, the market for e-commerce, i.e. sales of goods and services via the Internet, will reach US\$ 327 bn by the year 2002. IBM has helped Gowing Bros Ltd of Australia to develop an on-line store to market popular local products to clients around the world. Similarly IBM has also installed **interactive kiosks**, that enable shoppers to buy goods ranging from clothes, travel packages to computer games, at 6,700 outlets of Japan's convenience store chain operation Lawson. IBM is using a set of established capabilities to deliver e-commerce value elements that its clients are looking for. The capabilities include Registry, that lowers the risk in e-commerce through authentication and non-repudiation; Net. Commerce, a complete, scaleable, end-to-end solution for Internet business transactions; Domino. Merchant, an easy solution to obtain Notes users enabled with an e-commerce site and Payments Product Suite, that comprises of a wallet, eTill and Gateway. eTill is a sophisticated technology multi-payment engine that facilitates a fast acceptance and transaction process. Wallet is a consumer product for safe transactions that is brandable for channel distribution and Gateway is a robust, scaleable capacity that connects payment processor to merchants and certificates of authority.

COMPANY: LAWSON; GOWING BROS; FORRESTER RESEARCH; CANTERBURY INTL;
INTERNET; HEIWADO; HONG KONG ARTICLE NUMBERING ASSN; HONGKONG TELECOM IMS;
IBM

File 16:Gale Group PROMT(R) 1990-2004/Jan 14
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 File 636:Gale Group Newsletter DB(TM) 1987-2004/Jan 14
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 File 476:Financial Times Fulltext 1982-2004/Jan 14
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 File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc

?ds

Set	Items	Description
S1	156666	(IN(1W)(STORE? ? OR HOUSE) OR MERCHANT OR VENDOR? OR RETAILER? OR SELLER OR SELLERS)(5N)(INVENTORY OR INVENTORIES OR STOCK OR MERCHANDISE?)
S2	1663105	(POINT(1W)(SALE OR SALES) OR CHECKOUT? OR CHECK?()OUT? OR - POS OR TERMINAL OR TERMINALS OR KIOSK OR KIOSKS)
S3	308342	(TRANSMIT? OR TRANSMISS? OR RECEIV? OR SEARCH? OR REQUEST? OR ACCESS?)(3N)(REALTIME OR REAL()TIME OR INTERACTIVE OR INTERACTIV? OR BACK()FORTH OR BACKWARD()FORWARD OR DYNAMIC? OR CURRENT OR TIME()FRAME?)
S4	0	AU=(PHAN C? OR PHAN C?)
S5	5990	S1(S)S2
S6	63	S5(S)S3
S7	41	S6 NOT PY>2000
S8	20	RD (unique items)

8/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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07949386 Supplier Number: 64373693 (USE FORMAT 7 FOR FULLTEXT)
Found, Inc. and CommercialWare Announce Partnership.
PR Newswire, pNA
August 21, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 589

... Integrated Clicks and Mortar) Solution integrates online and offline commerce by Web-enabling existing legacy **point -of- sale** and inventory management systems, facilitating **real - time access** to geographically-specific **inventory** data and adding **in - store** functionality to an existing Web site. CommercialWare's retail.dot.commerce solution provides retailers with...

8/3,K/2 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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07803371 Supplier Number: 65186439 (USE FORMAT 7 FOR FULLTEXT)
Found, Inc. Announces Three New Customer Relationships.
PR Newswire, pNA
Sept 13, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 788

... and allows them to leverage their valuable brands and physical stores. By Web- enabling existing **point -of- sale** and **inventory** management systems, **retailers** gain **real - time access** to their entire available inventories as well as unifying their online and offline revenue streams...

8/3,K/3 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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07308984 Supplier Number: 61961733 (USE FORMAT 7 FOR FULLTEXT)
JDA Announces First License for New Internet Store Portal; Paper Warehouse First Retailer to Take Advantage of Back Office In-Store Capabilities.
Business Wire, p0193
May 9, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 644

... that we've used since we were a 15-store chain, the biggest plus is **real - time access** . Since Store Portal will provide us with accurate, consistent and timely information, we expect to improve **inventory** management and employee productivity **in** our **stores** and at corporate.

"Once our store personnel get a taste of the Store Portal capabilities...

8/3,K/4 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05590642 Supplier Number: 48462583 (USE FORMAT 7 FOR FULLTEXT)

Premier POS Inc. Offers New Solutions for Retail Customers
Business Wire, p5040225
May 4, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 322

... creating a comprehensive business solution that can save you time and money," says Paolini.

Premier **POS** integrates directly into all product lines of the Platinum Accounting Series, Solomon IV for Windows...

...redundant data and the need to transfer it from one system to another. It provides **retailers** with **real - time inventory** and accounts **receivable** information while making register transactions accessible to back office personnel immediately.

Headquartered in Austin, Texas...

8/3,K/5 (Item 5 from file: 16)
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04327611 Supplier Number: 46343785 (USE FORMAT 7 FOR FULLTEXT)
MANAGE INVENTORY, OWN INFORMATION
Transportation & Distribution, p54
May, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 2446

... lot more inquiries from retail clients looking more at forecasting.'

In a VMI relationship, vendors **receive** withdrawal and **current** balance information from the retailer and replenish to a pre-determined **inventory** level. The **vendor** can arrange their shipments, build their loads, and cut their purchase orders (**POs**) to optimize their transportation and inventory requirements. This is similar to Continuous Replenishment Planning (CRP...

8/3,K/6 (Item 6 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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03796954 Supplier Number: 45409735
New solution for retailers
New Straits Times, p28
March 20, 1995
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:

Fujitsu Systems Business (M) Berhad (FSBM) has introduced DART (**Dynamic Access** Retail Technology), an Executive Information System (EIS) for retailers, developed by Winnipeg-based Inforcorp. DART software runs together with Softwear/ **Point -of- Sales** (**POS**) retail management system. It will analyse retail business components, such as sales, customer performance, **inventory** movement, **vendor** performance and employee performance. ...

8/3,K/7 (Item 7 from file: 16)
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02798675 Supplier Number: 43758162 (USE FORMAT 7 FOR FULLTEXT)
HIGH-TECH HELPS CHAIN MAINTAIN LEADING EDGE
Discount Store News, v0, n0, p67
April 5, 1993
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 803

... radio, will be used for traditional store functions such as shelf-price audit, price verification, **in - store** reordering and **inventory** receiving. The wireless technology enables data to be **transmitted in real time** to the in-store host computer, rather than batched for later down-loading.
The discounter...

8/3,K/8 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

13396700 SUPPLIER NUMBER: 70465636 (USE FORMAT 7 OR 9 FOR FULL TEXT)
National Income and Product Accounts Tables (PART 1).(Statistical Data Included)
Survey of Current Business, 80, 8, 34
August, 2000
DOCUMENT TYPE: Statistical Data Included ISSN: 0039-6222
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 25235 LINE COUNT: 10641

... valuation
and capital consumption
adjustments 585.9 587.9 622.3
Net cash flow with **inventory**
valuation and capital
consumption adjustments 889.4 901.7 936.5
Undistributed profits with
inventory...
Dividends 240.5 250.9 210.1
Undistributed
profits 90.0 122.1 109.1
Inventory valuation
adjustment 17.0 -9.1 7.1
Capital consumption
adjustment 53.5 58.0...

8/3,K/9 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

13039786 SUPPLIER NUMBER: 67883249 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Space odyssey.
DeBLASIO, AGNES L.
LI Business News, 47, 43, 1A
Oct 27, 2000
ISSN: 0894-4806 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 946 LINE COUNT: 00078

... Once the stores are connected to MerchantWired, retailers will be able to download data from **point -of- sale** systems and **transmit** reports in **real - time** versus relying on nightly batches," said Robert Covington, executive vice president and chief technology officer for Indianapolis-based MerchantWired. "Real-time information also enables **retailers** to keep in touch with **inventory** , levels, sales reporting and

work toward zero latency," a practice that minimizes the lag between...

8/3,K/10 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

09912014 SUPPLIER NUMBER: 20006138 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Web wise: the Internet offers many benefits to smart retailers. (Empowering the Desktop)

Chain Store Age Executive with Shopping Center Age, v73, n11, p22B(2)

Nov, 1997

ISSN: 0193-1199 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 713 LINE COUNT: 00057

... Possibilities include bypassing Electronic Data Interchange VANS and conducting EDI cheaply over the Internet; providing **real - time access** to warehouse inventory over the Internet at the **point of sale**; enabling busy employees to access the company's systems while on the road; allowing customers to browse products and special-order **merchandise** via **in - store kiosks**, and countless other uses.

When retailers ponder the power of the Internet today, they are...

8/3,K/11 (Item 4 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
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08743478 SUPPLIER NUMBER: 18342160 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Manage inventory, own information. (vendor-managed inventories for retailers) (Cover Story)

Andel, Tom

Transportation & Distribution, v37, n5, p54(4)

May, 1996

DOCUMENT TYPE: Cover Story ISSN: 0895-8548 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2842 LINE COUNT: 00234

... lot more inquiries from retail clients looking more at forecasting."

In a VMI relationship, vendors **receive** withdrawal and **current** balance information from the retailer and replenish to a pre-determined **inventory** level. The **vendor** can arrange their shipments, build their loads, and cut their purchase orders (**POs**) to optimize their transportation and inventory requirements. This is similar to Continuous Replenishment Planning (CRP...

8/3,K/12 (Item 5 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
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07965176 SUPPLIER NUMBER: 17184298 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Quick response: the consumer's handshake with manufacturing at Union Tools. (UnionTools Inc.)

Allen, Robert M., Jr.

National Productivity Review, v14, n3, p27(12)

Summer, 1995

ISSN: 0277-8556 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 3850 LINE COUNT: 00328

... time to fulfill demand. In addition to the POS information from the stores, Union also **receives real - time inventory** information from **retailer** distribution center networks. As **merchandise** is cross-docked from the receipt of supplier deliveries to shipment to retail

outlets, scanning...

8/3,K/13 (Item 6 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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07274635 SUPPLIER NUMBER: 15464595 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Partners: buyers, sellers who work together: electronic data systems let mills, wholesalers and retailers work together by communicating better to ensure consumers get what they want. (electronic data interchange, bar codes, Quick Response)
Vlosky, Richard; Pedersen, Chris
Wood Technology, vl21, n3, p51(2)
May-June, 1994
ISSN: 1067-1064 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1609 LINE COUNT: 00137

... sales, improved customer loyalty, inventory management and profitability and lower operating costs. QR retailers need **point -of- sale** scanning of UPC bar codes, EDI and an automated replenishment system. Retailers are looking at an evolution of the QR concept, **vendor -managed inventory** (VMI), as a way to further improve restocking cycles and to strengthen relationships with suppliers. With VMI, the supplier **receives real - time point -of- sale** data. This allows him to manage inventories and replenish products the home center sells.

Two...

8/3,K/14 (Item 7 from file: 148)
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04521107 SUPPLIER NUMBER: 08360347 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Europe 1992: the impact on the information industry. (includes related information)
Miller, Ralph; Garman, Nancy
Online, vl4, n2, p51(5)
March, 1990
CODEN: ONLID ISSN: 0146-5422 LANGUAGE: ENGLISH RECORD TYPE:
FULLTEXT
WORD COUNT: 3174 LINE COUNT: 00260

... volume of use and profitability, they take a back seat as a whole to the **real - time transmission** of stock and bond price information, commodities exchange traffic, electronic data interexchange (EDI), **retailer -wholesaler inventory** update transactions and other **point -of- sale** activities, automatic teller machines, credit card verification, airline reservation systems, and various niche-market services...

8/3,K/15 (Item 8 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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03518288 SUPPLIER NUMBER: 06727613 (USE FORMAT 7 OR 9 FOR FULL TEXT)
First quarter information retrieval customer growth up 4%.
IDP Report, v9, n6, p1(2)
May 6, 1988
ISSN: 0197-0178 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 600 LINE COUNT: 00049

... at a quicker pace this year. According to figures released by the company, the leading **stock** quote **vendor** added 6000 new **terminals** in the first quarter a 6.4% increase to 100,000 **terminals** . Quotron has

recently announced a couple of new contracts. During the quarter, Quotron signed a...

...provide systems to First of Michigan Corp.'s 32 offices. The contract includes 300 Quotron **terminals** on QUOTRON 1000 branch office systems, as well as **access** to SIS' **real - time** order management and accounting services software system. According to Quotron, the combination of services will provide users with real-time market data, news, and **access** to **current** records on customer accounts, order status and inventory positions.

8/3,K/16 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01436882 Supplier Number: 41909452 (USE FORMAT 7 FOR FULLTEXT)
INCORPORATING RADIO FREQUENCY TECHNOLOGY INTO YOUR OPERATIONS
Quick Response News, v2, n5, pN/A
March 4, 1991
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1018

... before.
Direct Store Delivery (DSD), which eliminates the retailer's warehouse, works best with portable **terminals** to provide **real - time access** needed to compare incoming goods to what was ordered. Real-time **terminals** are also useful in inter-store stock transfers. Says Jeffries, "If you use a system capturing item codes at the **point of sale** and you have a receiving system, it is desirable to record the transfer of merchandise...

8/3,K/17 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01217090 98-66485
Manage inventory, own information
Andel, Tom
Transportation & Distribution v37n5 PP: 54-58 May 1996
ISSN: 0895-8548 JRNL CODE: HLS
WORD COUNT: 2655

...TEXT: lot more inquiries from retail clients looking more at forecasting."

In a VMI relationship, vendors **receive** withdrawal and **current** balance information from the retailer and replenish to a pre-determined **inventory** level. The **vendor** can arrange their shipments, build their loads, and cut their purchase orders (**POs**) to optimize their transportation and inventory requirements. This is similar to Continuous Replenishment Planning (CRP...

8/3,K/18 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

00472018 89-43805
Bar Coding Gives Pillow Maker Soft Landing
Fleischaker, Elise M.
Production & Inventory Management Review & APICS News v9n10 PP: 40-45
Oct 1989

...ABSTRACT: increasing the accuracy and speed of data collection. Bar coding has enabled the firm to **receive** important data in **real time**, reduce the error rate, lower lead times, and serve customers with maximum efficiency. Pillowtex currently...

... inventory, which helps the warehouse track exactly what was sent to the customer. For the **retailer**, quick response means simplified **inventory** control, faster service at the **checkout**, and an increase in sales from quicker inventory replenishment. ...

8/3,K/19 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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00022574 75-00920

DATA USAGE - RETAILERS LOOK BEYOND POS TO MEET INFO NEEDS

ZIMMERMAN, ROBERT M.

DATA COMMUNICATIONS USER PP: 33-34 DEC 1974

ISSN: 0045-9682 JRNL CODE: DCU

ABSTRACT: AS THEIR INVOLVEMENT WITH **POINT -OF- SALE (POS)** SYSTEMS EXPANDS, MANY **RETAILERS** DISCOVER THAT THE DEVELOPMENT OF **MERCHANDISE** INFORMATION REQUIRES ADDITIONAL INPUT. DATA ON ORDERING, RECEIVING, CHECKING, MARKETING AND DISTRIBUTION IS VITAL FOR...

... OF PURCHASE ORDER MANAGEMENT SYSTEMS IS EVOLVING TO MEET THE NEEDS. TYPICALLY AN ON-LINE, **REAL - TIME** SYSTEM **ACCESSING** A COMPUTERIZED PURCHASE-ORDER FILE CAN ACCOMPLISH ALL TASKS FROM RECEIVING MERCHANDISE TO SENDING IT OUT TO THE SELLING FLOOR. USE OF A **TERMINAL** AS A PART OF THE WORK FUNCTION RESULTS IN IMPROVED CONTROL WITHOUT INCREASING COSTS. DUE...

8/3,K/20 (Item 1 from file: 813)
DIALOG(R)File 813:PR Newswire
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1250898

CLTU010

Sterling Commerce Announces EC Solutions Partner Program

DATE: March 31, 1998 11:00 EST WORD COUNT: 593

... the revenue generated by use of COMMERCE:Network. Early participants in the program include:

Information **Access**, Inc., a **current** Sterling Commerce alliance partner offering EC integration information systems to the consumer packaged goods and...

... s Synergy Service Center provides outsourcing solutions for the daily maintenance of EC solutions, including **Vendor -Managed Inventory (VMI)** and Fax-to EDI conversions.

Macola Software, which provides mid-range manufacturing, distribution and...

...the hardlines and housewares industries.

Triad Systems Corporation, which provides turnkey business management systems, including **point -of- sale (POS)**, inventory management and accounting software for independent retailers in the hardlines and lumber industries.

"This...

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